

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA00779DE

This certificate, issued to

West Star Aviation, Inc.
796 Heritage Way
Grand Junction, CO 81506

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations. (See Page 3 for complete certification basis).

Original Product—Type Certificate Number: A28CE
Make: Cessna
Model: 441 Conquest

Description of the Type Design Change:

Activation of previously approved Static Source Error Correction (SSEC) software used with the Garmin GDC 74B Air Data Computers in accordance with West Star Aviation, Inc. *Master Data List*, Document No. 3740328-001, Rev IR, dated Apr 07, 2014, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine if this design change is compatible with previously approved modifications.
2. The modified aircraft must be maintained in accordance with the *Instructions for Continued Airworthiness*, Document No. 755328-001, Rev. IR, dated Nov 06, 2013, or later FAA approved revision.
3. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(Limitations and Conditions continue on page 3 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 1, 2013

Date reissued:

Date of issuance: October 8, 2014

Date amended:



By direction of the Administrator

Todd Dixon, Manager (Signature)
Denver Aircraft Certification Office

(Title)

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number SA00779DE

Date of Issuance: October 8, 2014

Limitations and Conditions (continued):

4. This supplemental type certificate (STC) does not approve the installation of required equipment for reduced vertical separation minimum (RVSM). The following must be previously installed on eligible aircraft:
 - a. STC#SA02153LA-D, including Dual Garmin GDC 74B Air Data Computers with an SSEC Enablement Card (P/N 010-00769-83), and dual Garmin G600 with software version 3.08 or later.
 - b. STC#SA09622AC, including S-Tec Magic 2100 Digital Flight Control System (P/N 01304-01-01-003).

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Cessna 441 aircraft with activated SSEC software used with the Garmin GDC 74B air data computer is as follows:

- a. The type certification basis for the Cessna 441 airplanes as shown on TCDS A28CE for parts **not changed or not affected** by this STC.
- b. The certification basis for the parts **affected** by this change since the reference date of application, Oct 1, 2013, is based upon Part 23 as amended by Amendment 23-62. Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 23-0 through 23-62

23.1301(a), (b), (c), (d); 23.1431(b); 23.1529

Note:

It has been determined that this modification is a No Acoustical Change per 14 CFR 21.93 (b).

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